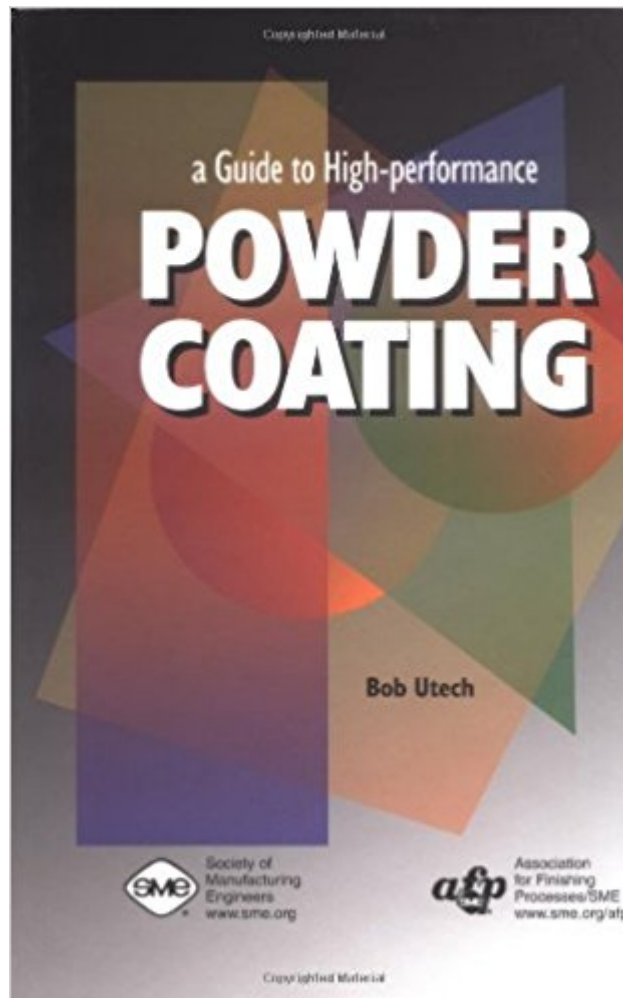




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A Guide To High-performance Powder Coating



Synopsis

A Guide to High-Performance Powder Coating examines industry costs, performance, and environmental effects. The text looks at technical advances made in powder coating procedures and equipment, and it explains these concepts for those in the industry trying to maintain a competitive edge. Powder coating materials and their performance properties are looked at along with electrostatic theories, curing, and ovens. The book looks at design and construction aspects of the pretreatment washer system and explores monitoring and maintaining pretreatment systems, along with the fundamentals of avoiding pretreatment failure. Other topics include equipment hoppers and feeders, powder booths, applications, operating conditions, and safety issues. Performance testing, including industry standards and chemical resistance, are explained. In addition, troubleshooting procedures when a product is off colour, off gloss, or exhibits poor adhesion qualities is presented.

Book Information

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Customer Reviews

Bob Utech operates Powder Visions, a paint consulting company that designs, procures, and installs paint facility operations. A veteran of the industrial paint field for over a quarter of a century, Utech has been involved in many facets of industrial painting, including electro-coating processes, waterborne coatings, conventional solvents, as well as high solids and specialized powder coatings. He has developed powder coating installations for companies such as Excelsior-Henderson Motorcycle, Landscape Structures, and Product Fabricators.

The book is a fundamental lecture for those who want to work on the Powder Coating business: all the subjects are introduced in a very clear language, with pictures and illustrations (some of them very old, a new edition could take care of that!). The subject of "pretreatment" is covered in depth, perhaps a little too much for an introductory text. The book has some printing errors, with some words partially or completely erased, but the reader can understand the phrase completely, by context and some common sense. The book is even better as a complementary lecture to the "Darryl L. Ulrich - Users Guide To Powder Coating", this late one, like the title says, an excellent user's guide for everyday powder coating activities.

Cover all the details.

Bob Utech has managed to write a concise , informative and easy to read technical guide to powder coating. With all the information to do the job right first time every time. Well Done.

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